

Service Learning Project

	Issue Area	Keep Guam Beautiful Clean-up Habitat and recreation area restoration	Point of Contacts: Kina Lewis, Education Specialist Assistant 777-4301 or 477-7278 ext. 1017 Email: klewis@pacifichistoricparks.org Megan McAlonis Facilities Operations Specialist 971-3726
Preparation	Age Group	9 th – 12 th grade	
	Project Description	The youth volunteers will help to improve their public lands, understand the cause and effect of illegal dumping and littering on the environment and our community, develop a responsible attitude and habits to protect the beauty of our island environment by disposing of waste properly, and thinking about limiting the amount of waste we generate. Youth will be able to disseminate information from the experiential learning, and serve as positive role models to other youths on Guam, and help to spread awareness of responsible waste disposal and cultivating recycling habits. Create a PSA (public service announcement), vodcast, slideshow or other types of media or artistic presentation that reflects their experience in learning about War in the Pacific National Historical Park's mission and helping to preserve the natural resources that our parks protect. (Can be done as a group presentation.)	
	Agency/Program Description	War in the Pacific National Historical Park/National Park Service, Pacific Historic Parks, and AmeriCorps DOI/VISTA	
	No. of Participants	50 (maximum)	
	Problem Statement	Restore a natural habitat on National Park Service public lands by cleaning waste that has been disposed of illegally.	
	School Subject	Science, Art, Computer, History, Environmental Science	
	Activity Level	(Easy, Moderate , Difficult)	
	Cost	(Free , Low [\$0-\$20], Medium [\$21-50], High [\$50+]	
	Activity Title	Keep Guam Beautiful Clean-up	
	Prerequisites	<ul style="list-style-type: none"> • Approval from school administration. • Participation in an Outreach regarding the history of and mission of War in the Pacific National Historical Park. • Waste disposal safety briefing. • 301a and NPS photo release forms signed by parents for participation. • Close toed shoes, long sleeved shirts and pants. 	
	Conditions to Consider	Sun exposure, heat, rain, hazardous waste	
	Project Dates	Feb. 13, 2016, Mar. 12, 2016, and Apr. 9, 2016	
	Objective(s)	<ul style="list-style-type: none"> • Understand the importance of proper waste disposal and the effects of illegal dumping on our environment and natural habitats. • Cultivate awareness of the amount of waste we generate and 	

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		<p>develop proper waste disposal habits that include reducing, reusing, and recycling.</p> <ul style="list-style-type: none">• Understand significance of community stewardship in natural resource management through science	
		<p>GDOE Standards</p> <p>Science – Biology</p> <ul style="list-style-type: none">- BI 1.6 Demonstrate by actions in the school community caring and respect for the environment and living organisms. <p>Science – Life Science</p> <ul style="list-style-type: none">- BI 2.30 Recognize and describe how human beings are part of Earth’s ecosystems and that human activities can, deliberately or inadvertently, alter the equilibrium in ecosystems.- BI 2.32 Recognize and describe how the physical or chemical environment may influence the rate, extent, and nature of the way organisms develop within ecosystems. <p>Standard 2: History</p> <ul style="list-style-type: none">- GH.2.1: Examine and interpret primary and secondary source documents.- GH.2.2: Use concepts, such as time, chronology, causality, change, conflict, and complexity, to explain connections and patterns of historical change and continuity.- GH.2.3: Identify and describe historical periods and patterns of change during the eras of Guam history, including the following: <ul style="list-style-type: none">• Japanese Occupation• Post World War II• Modern Guam- US.2.14: Describe the effects of World War II on the home front, including the following: <ul style="list-style-type: none">• How the U.S. mobilized its economic, human, and military resources• The contributions of women and minorities to the war effort• The U.S. liberation of Guam <p>Educational Technology</p> <ul style="list-style-type: none">- 9–12.1.1 Produce original media products that incorporate different content areas using a combination of text, images, sound, music, or video for personal or group expression and inclusion in portfolios.- 9–12.1.2 Analyze survey data, report information, and display the data in a variety of ways (e.g., tables, graphs) to support conclusions.- 9–12.2.1 Interact and collaborate with others using a variety of digital communication tools (e.g., peer review and editing, debate, joint data collection) to support individual learning and contribute to the learning of others.- 9–12.2.2 Communicate information and ideas effectively to multiple audiences using a variety of digital media and formats (e.g., email, blogs, webpages).- 9–12.4.2 Practice safe and responsible sharing of information and opinions online.	
	Location(s)	(On Campus, Off Campus, Specific Site, Etc)	
		<p>Off Campus – Ga’an Point, Apaca Point, and Asan Beach</p> <p>On Campus – Creating vodcasts or other types of media or artistic presentation about what they learned through the experience.</p>	<p>Estimated Hours (maximum)</p>

Action	Research Pre-Activity	<ul style="list-style-type: none">Participation in an Outreach or organized guided tour of the War in the Pacific National Historical Parks to learn the history and mission of the park.	1 hours
	Activity	<ul style="list-style-type: none">Waste disposal safety trainingThe Habitat Restoration and Site Grounds work VIP will assist park staff in cleaning predetermined sections of park units. Physical activities would include hiking, walking, bending and lifting objects no heavier than 10-20lbs. Main duties of the volunteer will include but are not limited to:Listening to and abiding by safety regulations.Picking up different types of litter in a designated area.Sorting recyclable materials and other debris for proper disposal.Using a shovel or rake to clean designated areas.Loading and unloading tools, equipment or materials.Assist in assembling and breaking down an outdoor canopy.	1-2 hours
Reflection	Post-Activity Individual/ <u>Group</u>	Use information from experience, research and waste audit to: (students or teacher chooses the medium to present and we will support or facilitate) <ul style="list-style-type: none">Create PSA (Public Service Announcement) type video regarding proper disposal of recyclable waste and the effects of illegal dumping, which can be posted on WAPA website or Facebook page. (Subjects: Science, Art, Video editing, Environmental Science, Marine Biology, Project Management, Communications, & Computer)Create a brochure or handout to encourage recycling, reducing, reusing, and re-thinking the consumption and disposal of resources, which can be distributed to the community when they sign up for a permit to utilize park sites. (Subjects: Science, Art, Environmental Science, Marine Biology, Project Management, Communications, & Computer)Create a puppet show, skit, display or presentation about recycling, reusing, reducing and re-thinking that can be presented at War in the Pacific National Historical Park's T. Stell Newman Visitor	4-6 hours
			4-6 hours
			4-6 hours with potential extra hours for each event.

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